

Grade 4 Science Booklist Revised 10.1.2013

Standard 4-1: Scientific Inquiry (processes, skills, mathematical thinking)

Off Grade	On Grade	Above Grade
Stewart, M. <i>Giraffe Graphs</i> 3.5, IL K-3 Pluckrose, H. <i>Capacity</i> 2.4 Pluckrose, H. <i>Length</i> 2.4 Pluckrose, H. <i>Weight</i> 2.4		

Standard 4-2: Organisms and Their Environments (Life Science) (characteristics and patterns of behavior)

Off Grade	On Grade	Above Grade
Barraclough, S. <i>Senses</i> 3.4, IL K-3 Brinkworth, B. <i>Life in a Coral Reef</i> 3.3, IL K-3 Fowler, A. <i>Save the Rain Forests</i> 2.2, IL K-2 Fowler, A. <i>The Top and Bottom of the World</i> 3.5, IL K-3 Fowler, A. <i>Life in a Tide Pool</i> 2.2, IL K-3 Rompella, N. <i>Deep in the Value</i> L Royston, A. <i>Looking at Life Cycles: How</i> 3.4, K-3 Trumbauer, L. <i>Discover the Rain Forest.</i> 2.8, IL K-3	Barraclough, S. <i>The sensory system: Why am I ticklish?</i> 3.9, 700L, IL K-3 Collins, A. <i>See, hear, smell, taste, and touch: Using your five senses</i> 3.7, IL K-3 Kalman, B. <i>What senses do animals have?</i> 4.2, IL K-3	Wetterschneider, M. <i>Nature Reuses and Recycles.</i> Berger, M. & G. <i>What Makes an Ocean Wave</i> 5.4, Cherry, L. <i>The Great Kapok Tree (x2)</i>

Standard 4-3: Astronomy (Earth Science) (properties, movements, locations)

Off Grade	On Grade	Above Grade
Aylmore, A. <i>I Like Outer Space.</i> Chrismer, M. <i>The Moon</i> 2.3, IL K-3 Kalman, B. <i>Earth and sun</i> 3.6, 560L, IL K-3 O'Mara, G. <i>The Lunar cycle</i> 4.0, IL 3-6 Slade, S. <i>The Phases of the moon</i> 2.9, IL 3-6 Stone, L. <i>Sun</i> 3.6, IL K-3 Stone, L.M. <i>Moon</i> 3.5, IL K-3 Winrich, R. <i>The Moon</i> 3.6, 660L, IL K-3 Winrich, R. <i>The Sun</i> 3.7, 640L, IL K-3 Zobel, D. <i>The Hubble telescope</i> 3.5, IL K-3	Stewart, M. <i>Why do the seasons change?</i> 3.9, IL 3-6 O'Mara <i>The lunar cycle: Phases of the moon</i> 4.0, IL 3-6 Stewart, M. <i>Why does the moon change shape?</i> 4.0, IL 3-6 Thomas, L. <i>The day the earth stood still</i> 4.1, IL 3-6 Landau, E. <i>Earth</i> 4.2, 720L, IL 3-6 Bailey, G. <i>Galileo's telescope</i> 4.3, 950L, IL 3-6	Riley, P. <i>Earth, Moon, and Sun</i> 4.6, 900L, IL 3-6

	Riley, P. <i>Earth, Moon, and Sun</i> 4.6, 900L, IL 3-6 Winrich, R. <i>The sun</i> 3.7, 640L, IL K-3	
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Standard 4-4: Weather (Earth Science) (patterns and phenomena)

Off Grade	On Grade	Above Grade
Barraclough, S. <i>Weather and Seasons</i> Cooper, J. <i>Season to Season</i> 3.0, IL K-3 Crest, M. <i>Why why why do tornadoes spin?</i> 2.9, IL K-3 De Paolo, T. <i>The Cloud Book</i> . 3.5, IL K-3 Flanagan, A.K. <i>Clouds</i> 2.1, IL K-3 Manolis, K. <i>Blizzards</i> 2.8, IL K-3 Manolis, K. <i>Hurricanes</i> 2.8, IL K-3 Rockwell, A.F. <i>Clouds</i> 2.3, IL K-3 Slade, S. <i>How do tornadoes form: And other questions kids have about the weather</i> 3.4, 710L, IL K-3 Wendorff, A. <i>Ice Storms</i> 3.0, IL K-3 Wendorff, A. <i>Tornadoes</i> 3.5, IL K-3	Hardyman, R. <i>Snow and Blizzards</i> 4.1, IL 3-6 Kalman, B. <i>The water cycle</i> 4.6, 710L, IL 3-6 Olson, N. <i>Hurricanes</i> 3.9, IL K-3 Olson, N. <i>Tornadoes</i> 3.7, IL K-3	Mattern, J. <i>Can lightning strike the same place twice?: And other questions about the Earth, weather, and the environment</i> 4.7, IL 3-6

Standard 4-5: Properties of Light and Electricity (Physical Science)

Off Grade	On Grade	Above Grade
Ballard, C. <i>Exploring light</i> 3.1, IL K-3 Capeci, A. <i>Electric Storm</i> 3.4 Edom, H. <i>Science with Magnets</i> 2.8, IL K-3 Oxlade, C. <i>Electricity</i> 3.5, IL K-3 Royston, A. <i>Exploring Electricity</i> 4.1, IL K-3 Royston, A. <i>Light and dark</i> 3.3, IL K-3 Schuh, M. <i>Electricity</i> 3.4, IL K-3 Spilsbury, R. <i>What is light?</i> 3.7, IL K-3 Edom, H. <i>Science with Magnets</i> 2.8, IL K-3	Gardner, R. <i>Dazzling science projects with light and color</i> 4.0, IL 3-6 Rau, D. <i>Electricity and Magnetism</i> 4.2, IL 30-6 Rayston, A. <i>Using electricity</i> 4.1, IL K-3 Richardson, A. <i>Electricity: A question and answer book</i> 4.6, IL 3-6 Richardson, A. <i>Magnetism: A question and answer book</i> 4.6, IL 3-6 Spilsbury, R. <i>What is electricity and magnetism?: Exploring science with hands-on activities</i> 3.8, IL K-3	